

CLAIMS

What is claimed is:

- 1. A transmission device of a vehicle, including a vehicle having a shaft, a driven wheel with internal gear teeth defined thereon mounted to the shaft center thereof, and a small driving gear with outer gear teeth defined thereon in mesh with the internal gear teeth of the driven wheel wherein, depending on the position of the shaft, the small driving gear is located at the offset center of the driven wheel therein to serve as a main source of offset power supply; when the small driving gear, carrying the total weight and load of the vehicle, is rotated forwards and upwards at the driven wheel therein, the outer gear teeth of the small driving gear tend to climb forwards therewith along the internal gear teeth of the driven wheel thereof in internal offset gearing to rotate the driven wheel therewith, effectively converting the gravity force thereof into dynamic driving power thereof to reduce the output of power requirement for more economical and efficient use thereof.**

- 2. The transmission device of a vehicle as claimed in Claim I wherein a limiting device is disposed at one side of the driven wheel to keep the small driving gear located at one half of the driven wheel in eccentric gearing and maintain the output of gravity force in transmission; the limiting device is made up of a transverse rod, a pair of limiting rods symmetrically joined at both ends of the transverse rod thereof respectively, and a damping spring led through each limiting rod thereof.**